



Docket No. 242752US8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Sung Uk MOON, et al.

SERIAL NO: 10/661,602

GAU: 2611

FILED: September 15, 2003

EXAMINER: Vineeta S. PANWALKAR

FOR: MODULATION AND DEMODULATION BASED ON HIERARCHICAL MODULATION

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references cited in the attached Partial European Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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(OSMMN 05/03)

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242752US8		SERIAL NO. 10/661,602	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Sung Uk MOON, et al.			
				FILING DATE September 15, 2003		GROUP 2611	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	0 624 033 A2	11/09/1994	Europe			
	AP	0 589 709 A2	03/30/1994	Europe			
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	Seamus O'LEARY, "Hierarchical Transmission and COFDM Systems", IEEE TRANSACTIONS ON BROADCASTING, XP011006067A, Vol. 43, No. 2, June, 1997, pages 166-174.					
	AX	U. REIMERS, "DVB-T: THE COFDM-BASED SYSTEM FOR TERRESTRIAL TELEVISION", INTERNATIONAL BROADCASTING CONVENTION, XP006510005A, September 12-16, 1996, pages 120-126.					
	AY	R. SCHÄFER, "TERRESTRIAL TRANSMISSION OF DTVB SIGNALS - THE EUROPEAN SPECIFICATION", INTERNATIONAL BROADCASTING CONVENTION, XP006528910A, September 14-18, 1995, pages 79-84.					
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

